

List of papers published by NBFGR during 2016-2017






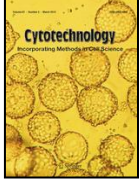


Sl. No.	Journal	Publication	Impact Factor	
			ISI (2015)	NAAS (2017)
1.		Agarwal S., N S Nagpure, P. Srivastava, R. Kumar, M. Pandey, S. Srivastava, J. K. Jena, P. Das and B. Kushwaha 2016. <i>In silico</i> mining of conserved miRNAs of Indian catfish <i>Clarias batrachus</i> (Linnaeus, 1758) from the contigs, ESTs and BAC end sequences. <i>Applied Biochemistry and Biotechnology</i> . DOI 10.1007/s12010-016-2373-4.	1.606	7.61
2.		Abidi, R., N. Fariya, M. Irshan, U.K. Chauhan and A.K. Pandey, 2016. A new microsporidian parasite, <i>Pleistophora cyprini</i> sp. nov., in ovary of <i>Cyprinus carpio</i> from river Gomti, Lucknow, India. <i>Journal of Experimental Zoology India</i> , 19: 737-742.	--	5.51
3.		Ambulkar, R., C.S. Chaturvedi, S. Gupta, G. Krishna, N.K. Chadha, B. Sanap and A.K. Pandey, 2016. Supplementation of thyroxine and vitamin C for enhanced growth and survival in early larval stages of <i>Clarias Batrachus</i> (Linnaeus, 1758). <i>Journal of Experimental Zoology India</i> , 19: 815-819.	--	5.51
4.		Agarwal, S., N.S. Nagpure, P. Srivastava, B. Kushwaha, R. Kumar, M. Pandey, and S. Srivastava 2016. <i>In silico</i> genome wide mining of conserved and novel miRNAs in the brain and pineal gland of <i>Danio rerio</i> using small RNA sequencing data. <i>Genomics Data</i> 7: 46-53.	0.085	--
5.		Ajey Kumar Pathak, Prakash Singh, Rajesh Dayal, Uttam Kumar Sarkar and Reeta Chaturvedi 2016. Information delivery system for fishes in North-East India: Its design and implementation Information. <i>Indian Journal of Geo-Marine Science</i> , 45(10), 1305-1309	--	6.32
6.		Akhilesh, K. V., White, W. T., Bineesh, K. K., Purushottama, G. B., Singh, V. V., and Zacharia, P. U, 2016. Redescription of the rare and endangered Broadfin Shark <i>Lamiopsis temminckii</i> (Müller & Henle, 1839) (Carcharhiniformes: Carcharhinidae) from the northeastern Arabian Sea. <i>Zootaxa</i> , 4175(2), 155-166.	0.096	6.99

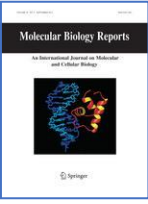


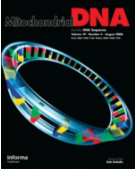
7.		Basheer, V.S., N. Vineesh, K. K. Bineesh, Rahul G. Kumar, C. Mohitha, S. Venu, A. Kathirvelpandian, A. Gopalakrishnan and J. K. Jena, 2016. Mitochondrial signatures for identification of grouper species from Indian waters. <i>Mitochondrial DNA Part A</i> , DOI:10.3109/19401736.2015.1137899	1.760	7.76
8.		Bineesh, K.K., A. Gopalakrishnan, K. V. Akhilesh, K. A. Sajeela, E. M. Abdussamad, N.G.K. Pillai, V.S. Basheer, J.K. Jena and Robert D. Ward, 2016. DNA barcoding reveals species composition of sharks and rays in the Indian commercial fishery. <i>Mitochondrial DNA Part A</i> , DOI:10.3109/19401736.2015.1137900	1.760	7.76
9.		Chandra S., L.K. Tyagi and P.J. Singh, 2016. Traditional Knowledge Associated with Fishing Practices of Ramnagar, Nainital District, Uttarakhand. <i>World Journal of Fish and Marine Sciences</i> , 8(1): 22-29.	--	--
10.		Chaturvedi, C.S., Rashmi Ambulkar, R.K. Singh and A.K. Pandey, 2016. Induced spawning in <i>Pangasiodon hypothalamus</i> and hatching of eggs in three different types of hatching systems at Raipur (Chhattisgarh), India. <i>National Journal of Life Sciences</i> , 12: 215-221.		7.73
11.		Das Sofia P., Amrita Bit, Siddhi Patnaik, L Sahoo, PK Meher, P Jayasankar, TM Saha, AB Patel, Namrata Patel, P Koringa, CG Joshi, Suyash Agarwal, Manmohan Pandey, Shreya Srivastava, B Kushwaha, Ravindra Kumar, NS Nagpure, MA Iquebal, Sarika Jaiswal, Dinesh Kumar, J K Jena and P Das 2016. Low-depth shotgun sequencing resolves complete mitochondrial genome sequence of <i>Labeo rohita</i> . <i>Mitochondrial DNA A</i> , 27(5) :3517-8.	1.760	7.76
12.		Jeena, N.S., Gopalakrishnan, A., Kizhakudan, J. K., Radhakrishnan, E. V., Kumar, R., & Asokan, P. K., 2016. Population genetic structure of the shovel-nosed lobster <i>Thenus unimaculatus</i> (Decapoda, Scyllaridae) in Indian waters based on RAPD and mitochondrial gene sequences. <i>Hydrobiologia</i> , 766(1), 225-236	1.964	8.05
13.		Jeena, N.S., Gopalakrishnan, A., Radhakrishnan, E.V., Kizhakudan, J.K., Basheer, V.S., Asokan, P.K. and Jena, J.K., 2016. Molecular phylogeny of commercially important lobster species from Indian coast inferred from mitochondrial and nuclear DNA sequences. <i>Mitochondrial DNA Part A</i> , 27(4), 2700-2709.	1.760	7.76

14. .		Jenson Victor Rozario, Diana Benjamin, Deepak Jose, M. Harikrishnan, M P, Prabhakaran, C.P.R Shanis, U Sreedhar, Sherine Sonia Cubelio and B. Madhusoodhana Kurup, 2016. Re-description of <i>Lysirude channeri</i> (Decapoda Crustacea: Raninidae) from Bay of Bengal, Indian Ocean. <i>Journal of the Marine Biological Association of the United Kingdom</i> 1:1-12.	1.094	7.09
15.		Kumar, R.R., Venu, S., Bineesh, K. K., and Basheer, V. S., 2016. New biogeographic data and DNA Barcodes for the Indian Swellshark, <i>Cephaloscyllium silasi</i> (Talwar, 1974) (Elasmobranchii: Carcharhiniformes: Scyliorhinidae), from Andaman waters. <i>Acta Ichthyologica et Piscatoria</i> , 46(2), 131-132.	0.622	
16.		Kumar, R., Gopalakrishnan, A., Divya, P.R., Basheer, V.S., Singh, R.K., Mohindra, V., Lal, K.K. and Jena, J.K., 2016. Population genetic structure of <i>Macrobrachium rosenbergii</i> (Palaemonidae) from Indian waters using mitochondrial ATPase 6/8 gene. <i>Mitochondrial DNA Part A</i> , DOI:10.3109/24701394.2016.1149829	1.760	7.76
17.		Kumar Ravindra, Brijesh Kumar Pandey, Uttam Kumar Sarkar, Naresh Sahebrao Nagpure, Vishwamitra Singh Baisvar, Praveen Agnihotri, Abhishek Awasthi, Abha Mishra & Narendra Kumar 2016. Population genetic structure and geographic differentiation in butter catfish, <i>Ompok bimaculatus</i> , from Indian waters inferred by cytochrome b mitochondrial gene, <i>Mitochondrial DNA Part A</i> , DOI: 10.3109/19401736.2015.1137898.	1.760	7.76
18.		Kumar Ravindra, VS Baisvar, B Kushwaha, G Waikhom and NS Nagpure 2016. Cytogenetic investigation of <i>Cyprinus carpio</i> (Linnaeus, 1758) using Giemsa, silver nitrate, CMA ₃ staining and fluorescence <i>in situ</i> hybridization. <i>The Nucleus</i> , DOI: 10.1007/s13237-016-0189-9.	2.446	5.03
19.		Kushwaha Basdeo, Ravindra Kumar, Akhilesh Kumar Mishra, N S Nagpure, V S Basheer and M K Anil 2016. Molecular and cytogenetic description of four marine fish species from Indian coast. <i>Indian Journal of Geo-Marine Sciences</i> , 45(9), 1110-1115.	--	6.32
20.		Lakra WS, M Singh, Goswami M, Gopalakrishnan A, Lal KK, Mohindra V, Sarkar UK, Punia PP, Singh KV, Bhatt JP and Ayyappan S 2016. DNA barcoding Indian freshwater fishes. <i>Mitochondrial DNA A</i> . 27(6): 4510-4517.	1.760	7.76

21.		Lal, K.K.; Braj K Gupta; Arvind Kr. Dwivedi; Rajeev Kr. Singh; Suresh Chandra; Vindhya Mohindra; Lalit Kr. Tyagi; Amit Singh Bisht; Rama Sankar Sah; Ajey Kr. Pathak and J.K. Jena. 2016. Length-weight relationship of selected freshwater fish species from three diverse ecological regimes in India. <i>Indian Journal of Fisheries.</i> , 63(1) : 107-112.	0.16	6.16
22.		Mandal, S., J. K. Jena, Rajeev K. Singh, Vindhya Mohindra, W. S. Lakra, G. Deshmukhe, Rajesh Kumar and Kuldeep K. Lal, 2016. Genetic Characterization of Silond Catfish, <i>Silonia silondia</i> (Hamilton, 1822) inferred from two mitochondrial markers. <i>Mitochondrial DNA Part A</i> , 27(2):1075-9.	1.760	7.76
23.		Mishra Abha, Anurag Rawat, Sneha Verma, Uttam Kumar Sarkar and Ravindra Kumar 2016. Spawning dynamics of female freshwater butter catfish, <i>Ompok bimaculatus</i> (Bloch, 1794) in different major rivers of India. <i>International Journal of Fisheries and Aquatic Studies</i> , 4(3): 449-457.	0.16	6.16
24.		Mohindra, Vindhya, Rajeev Kumar Singh, Ratnesh Kumar Tripathi, Kuldeep Kumar Lal & J. K. Jena 2016. Complete mitogenome of Indian mottled eel, <i>Anguilla bengalensis</i> (Gray, 1831) through PacBio RSII sequencing (Mitogenome Announcement). <i>Mitochondrial DNA Part A</i> DOI:10.3109/19401736.2015.1115858	--	1.760
25.		Nagpure Naresh Sahebrao, Pathak Ajey Kumar, Pati Rameshwar, Rashid Ilyas, Sharma Joyti, Singh Shri Prakash, Singh Mahender, Sarkar Uttam Kumar, Kushwaha Basdeo, Kumar Ravindra and Murali S 2016. Fish Karyome version 2.1: a chromosome database of fishes and other aquatic organisms. <i>Database</i> (Oxford), DOI: 10.1093/database/baw012.	--	--
26.		Nagpure NS, Rashmi Srivastava, Ravindra Kumar, Anurag Dabas, Basdeo Kushwaha, and Pavan Kumar 2017. Mutagenic, genotoxic, and bioaccumulative potentials of tannery effluents in freshwater fishes of River Ganga. <i>Human and Ecological Risk Assessment: An International Journal</i> , 23(1): 98-111.	1.306	7.31
27.		Nagpure, N.S., Akhilesh Kr. Mishra, A. S. Ninawe, Avinash Rasal, Akhilesh Dubey, Amit Kumar, M. Goswami, Ravindra Kumar and J. K. Jena 2016. Molecular and cytogenetic characterization of fish cell lines and its application in aquatic research. <i>National Academy Science Letters</i> , 39(1): 11-16.	0.345	6.35

28.		Pandey, A. K. and P. Chandra, 2016. Biodiversity and conservation status of fishes of protected wetland, Bakhira Lake (Sant Kabir Nagar), for conservation. <i>Journal of Experimental Zoology, India</i> 19: 31-48.	--	4.63
29.		Pandey, A. K. and P. Chandra 2016. Present status of fish biodiversity of Ramgarh Lake, Gorakhpur (Uttar Pradesh) for conservation and sustainable utilization. <i>Journal of Experimental Zoology India</i> , 19: 57-76.	--	4.63
30.		Pandey, A. K. and P. Chandra, 2016. Monthly variations in physico-chemical parameters of water of Ramgarh Lake, Gorakhpur (India). <i>Journal of Experimental Zoology, India</i> 19: 111-121.	--	4.63
31.		Pandey, A.K., M. Tripathi and R. Abidi, 2016. Exotic fishes in Indian aquaculture with special reference to Ramgarh Lake, Gorakhpur (Uttar Pradesh), India. <i>Journal of Applied Bioscience</i> , 42 (2): 111-122.	1.419	3.68
32.		P.J. Singh and A.K. Tiwari, 2016. The Ongole Cattle Germplasm: Corollary Arising out of Regulating Access, Associated Knowledge and Benefit Sharing Post Nagoya Protocol by Brazil from India. <i>International Journal of Current Microbiology and Applied Sciences</i> , 5(11).	--	--
33.		P.J. Singh., A. Kumar., R.S. Patiyal., A. Pal, A.S. Bisht, S. Chandra and R. Abidi, 2016. Traditional community fishing festival (Maund Mela) of Garhwal Himalaya, Uttarakhand using <i>Zanthoxylum armatum</i> (Timur). <i>World Journal of Fish and Marine Sciences</i> , 8 (2): 123-128.	--	--
34.		Sahoo, P.K., T.R., Swaminathan, T. J. Abraham, Raj Kumar, S. Pattanayak, A. Mohapatra, S.S. Rath, A. Patra, H. Adikesavalu, N. Sood, P.K. Pradhan, B.K. Das, P. Jayasankar and J.K. Jena. 2016. Detection of goldfish haematopoietic necrosis herpes virus (Cyprinid herpesvirus-2) with multi-drug resistant <i>Aeromonas hydrophila</i> infection in goldfish: First evidence of any viral disease outbreak in ornamental freshwater aquaculture farms in India. <i>Acta Tropica</i> 161: 8–17.	2.787	8.27

35.		Saroniya RK, Nagpure NS, Saksena DN, Basdeo Kushwaha, Ravindra Kumar, Mahender Singh, Vishwamitra Singh Baisvar, and Akhilesh Kumar Mishra 2016. Phylogenetic analysis of some <i>Puntius</i> species based on 18S rDNA. <i>European Journal of Biotechnology and Bioscience</i> 4(7): 42-47.	1.74	--
36.		Singh AK, R Kumar, A K Mishra, M Singh, V S Baisvar, U K Chauhan, B Kushwaha and N S Nagpure 2016. Authentication of five <i>Barilius</i> species from Indian waters using DNA Barcoding. <i>Russian Journal of Genetics</i> , 52 (8), 840–846.	1.108	7.09
37.		Srivastava, P., A. Singh and A.K. Pandey, 2016. Pesticides toxicity in fishes: biochemical, physiological and genotoxic aspects. <i>Biochemical and Cellular Archives</i> , 16: 199-218.	--	4.46
38.		Srivastava S., B. Kushwaha, J. Prakash, M. Pandey ¹ , S. Agarwal, R. Kumar, N S Nagpure, M. Singh, P. Das, C.G. Joshi and J K Jena 2017. Identification and characterization of SSRs in <i>Clarias batrachus</i> and their application in population study. <i>Fisheries Science</i> DOI: 10.1007/s12562-017-1066-4.	0.564	6.88
39.		Srivastava, S., B. Kushwaha, J. Prakash, R. Kumar, N.S. Nagpure, S. Agarwal, M. Pandey, P. Das, C. G. Joshi and J. K. Jena 2016. Development and characterization of genic SSR markers from low depth genome sequence of <i>Clarias batrachus</i> . <i>Journal of Genotoxicity</i> . 95(3): 603-609.	1.108	7.09
40.		Swaminathan T R., V.S. Basheer, A. Gopalakrishnan, Neeraj Sood and P.K. Pradhan. 2016. A new epithelial cell line, HBF from caudal fin of endangered yellow catfish, <i>Horabagrus brachysoma</i> (Gunther, 1864). <i>Cytotechnology</i> . 68:515–523.	1.449	-
41.		Swaminathan, T.R., Raj Kumar, P. M. E. Jency, R. Charan, M. U. Syamkrishnan, V. S. Basheer, N. Sood and J. K. Jena, 2016. A new fish cell line derived from the caudal fin of freshwater angelfish <i>Pterophyllum scalare</i> : development and characterization. <i>Journal of Fish Biology</i> , doi:10.1111/jfb.13088	1.658	7.66
42.		Swaminathan, T.R., Raj Kumar, A. Dharmaratnam, V. S. Basheer, N. Sood, P. K. Pradhan, N. K. Sanil, P. Vijayagopal and J. K. Jena. 2016. Emergence of carp edema virus in cultured ornamental koi carp, <i>Cyprinus carpio</i> koi, in India. <i>Journal of General Virology</i> . 97,3392-3399.	3.192	9.18

43.		<p>Sangeeta Mandal, J. K. Jena, Rajeev K. Singh, Vindhya Mohindra, W. S. Lakra, Geetanjali Deshmukhe, Abhinav Pathak and Kuldeep K. Lal. 2016. De novo development and characterization of polymorphic microsatellite markers in a schilbid catfish, <i>Silonia silondia</i> (Hamilton, 1822) and their validation for population genetic studies. <i>Molecular Biology Reports</i>, DOI 10.1007/s11033-016-3941-y</p>	1.701	7.70
44.		<p>Sanjeevi Prakash, Thipramalai Thangappan Ajith Kumar and Thanumalaya Subramoniam 2016. New records of marine ornamental shrimps (Decapoda: Stenopodidea and Caridea) from the Gulf of Mannar, Tamil Nadu, India, Check List. <i>The Journal of Biodiversity Data</i> 12(6).</p>	--	--
45.		<p>Verma Rashmi, Mahender Singh and Sudhir Kumar 2016. Unraveling the limits of mitochondrial control region to estimate the fine scale population genetic differentiation in anadromous fish <i>Tenualosa ilisha</i>. <i>Scientifica</i>, DOI/10.1155/2016/2035240.</p>	--	--
46.		<p>Vineesh, N., Kathirvelpandian, A., Divya, P.R., Mohitha, C., Basheer, V.S., Gopalakrishnan, A. and Jena, J.K., 2016. Hints for panmixia in <i>Scomberomorus commerson</i> in Indian waters revealed by mitochondrial ATPase 6 and 8 genes. <i>Mitochondrial DNA Part A</i>, 27(4), .2822-2824.</p>	1.760	7.76